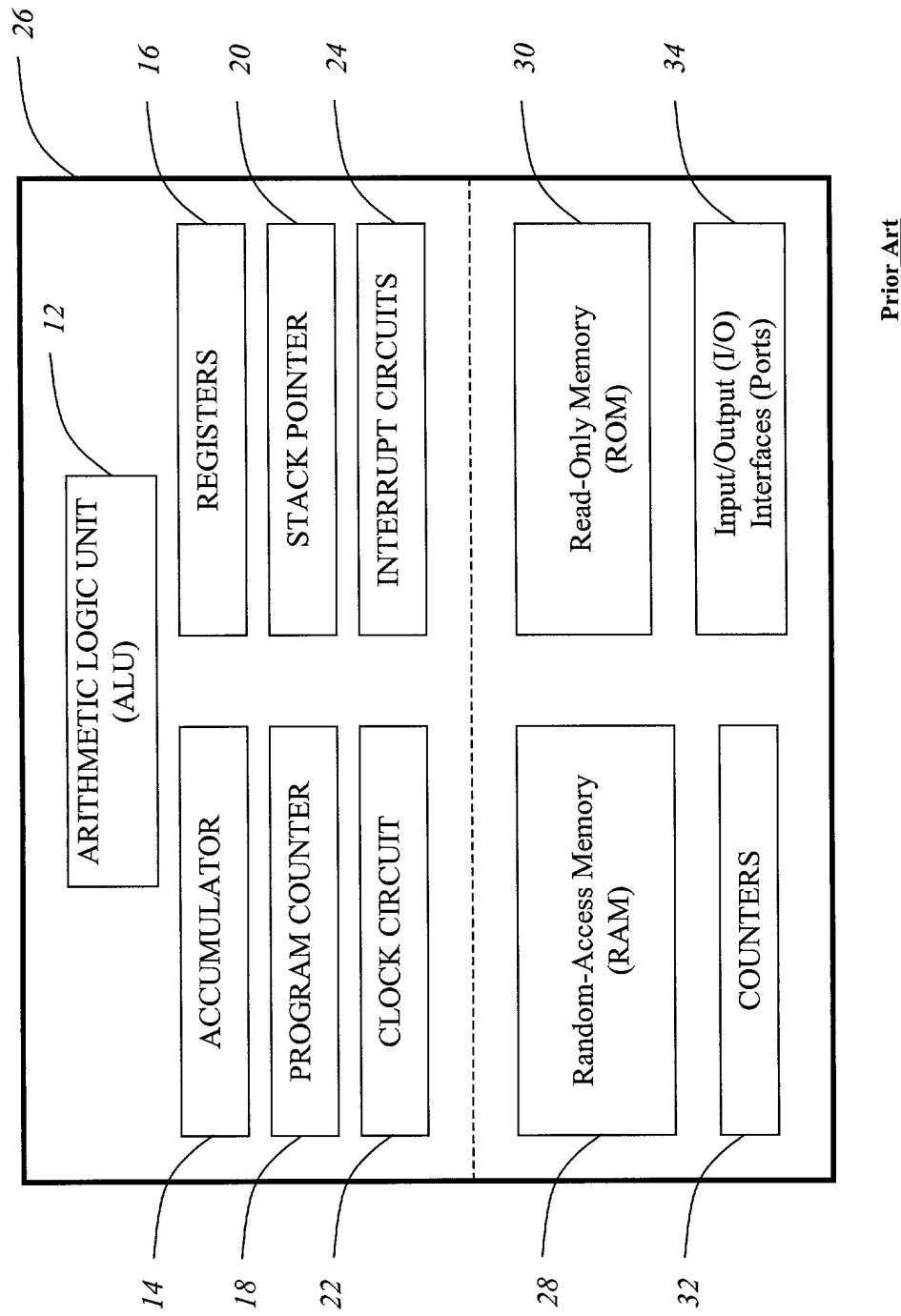


Prior Art

Figure 1



Prior Art

Figure 2

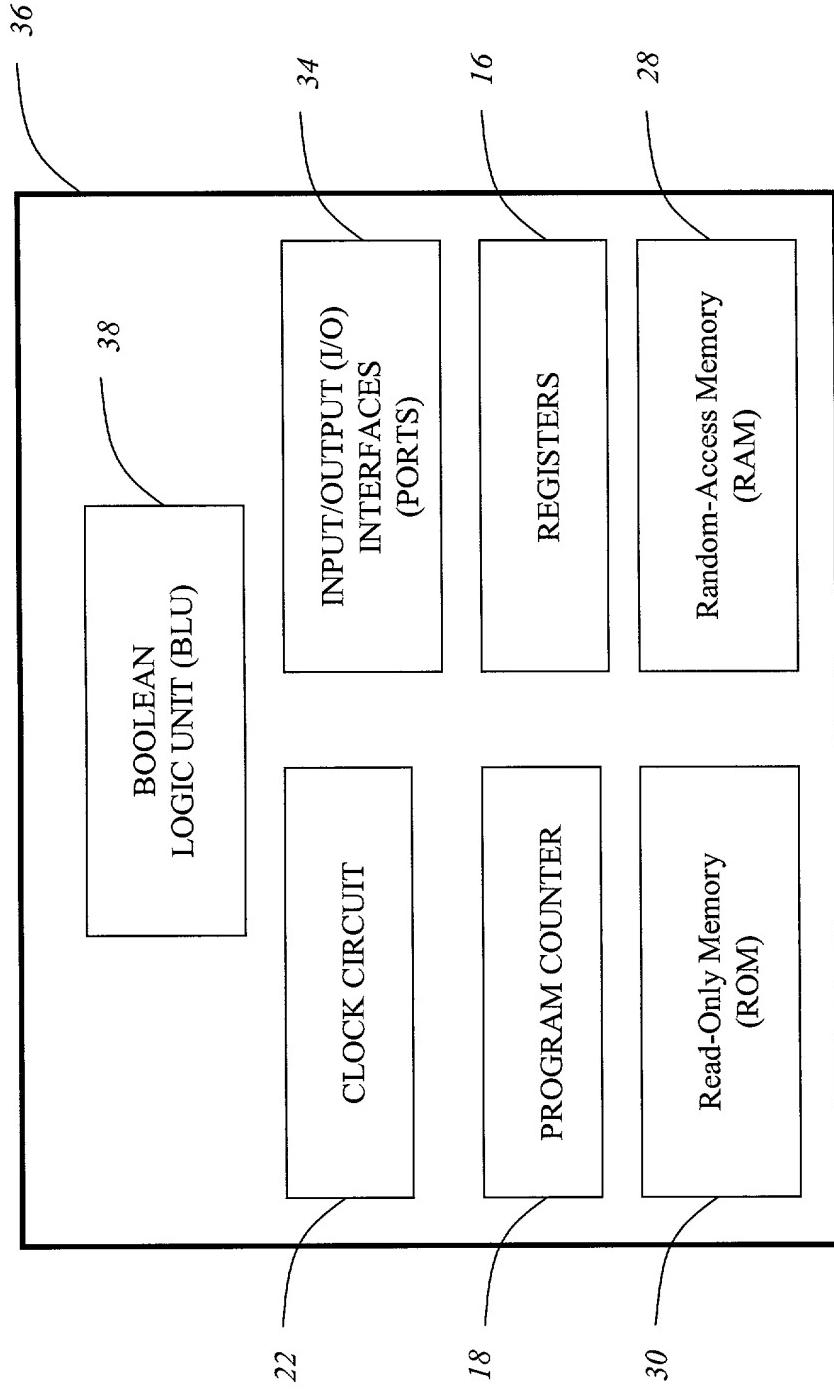


Figure 3

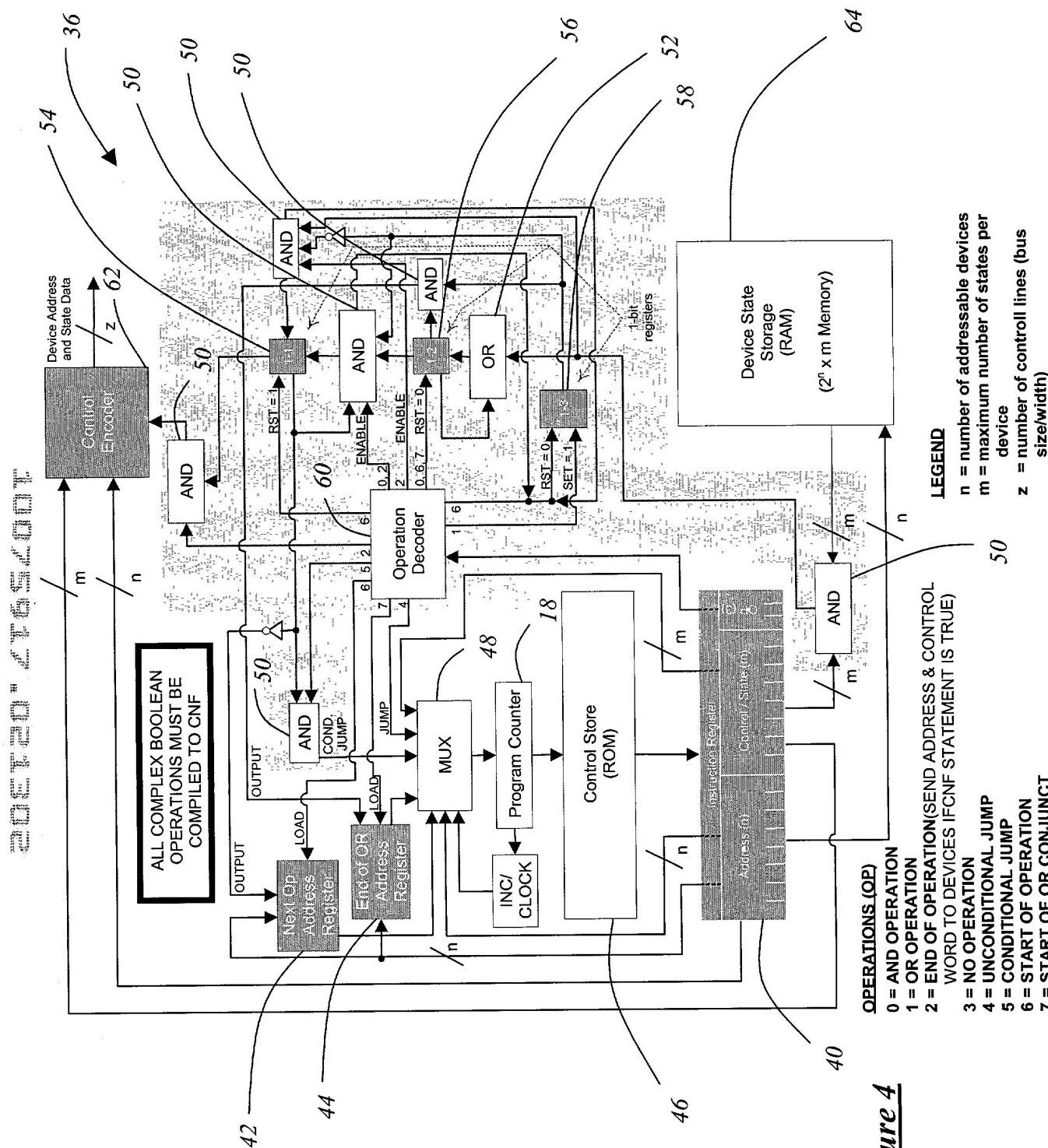


Figure 4

Inter-Term Short Circuit Evaluation

DNF / CNF Evaluations (Cycles) -

1 Control State/Device

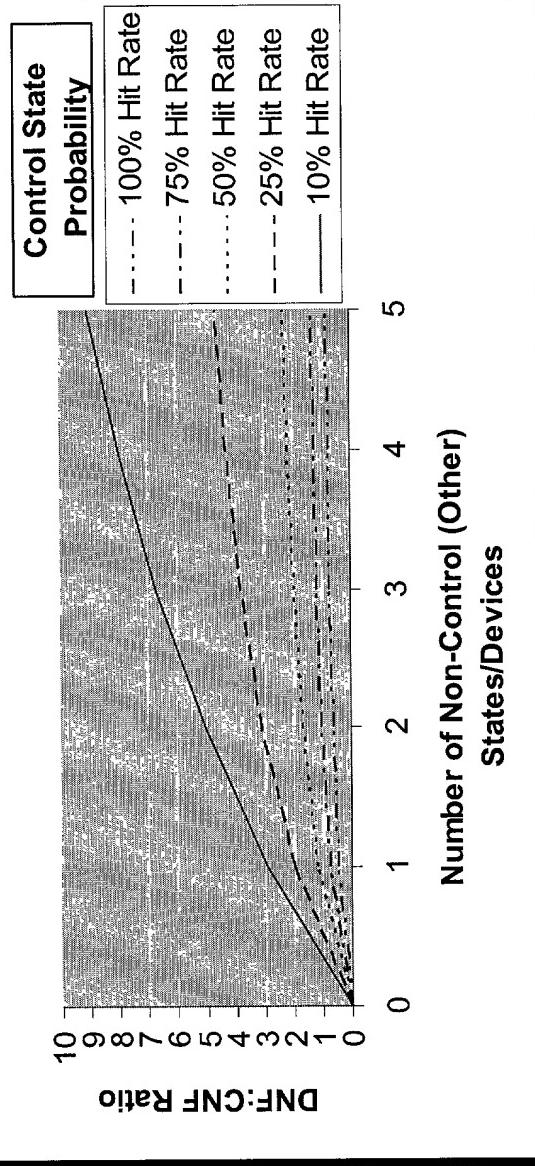


Figure 5

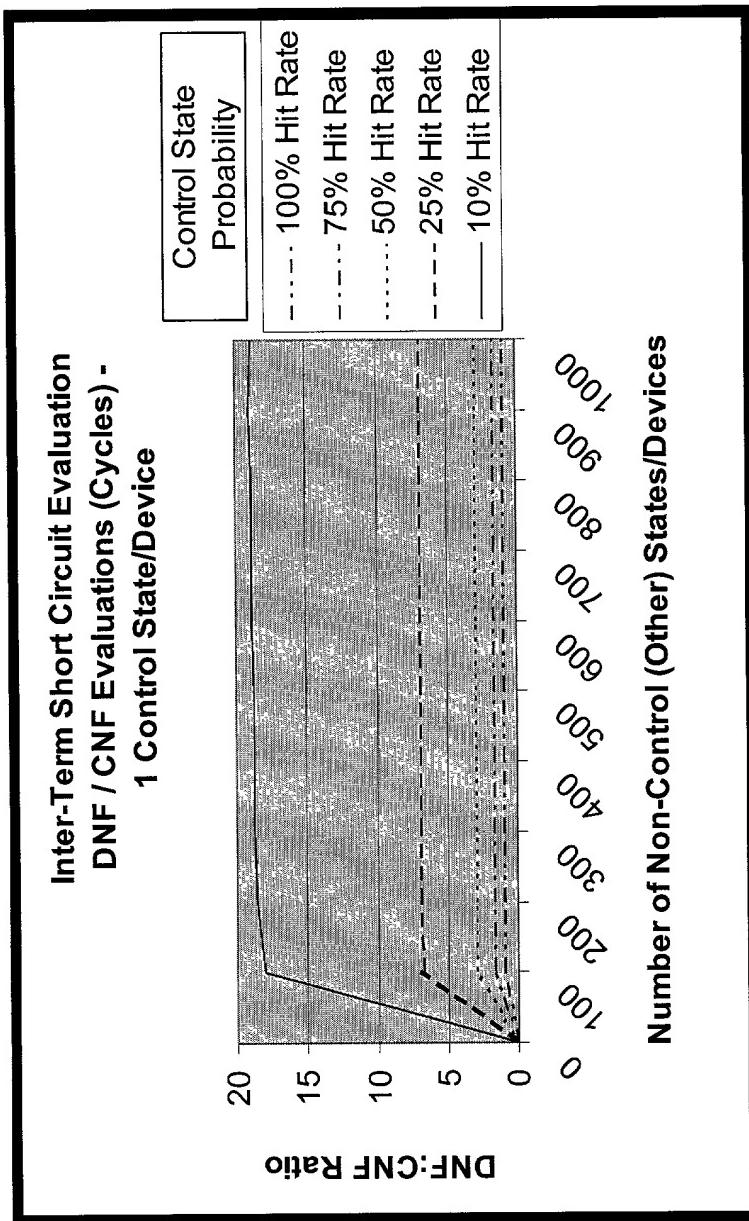


Figure 6

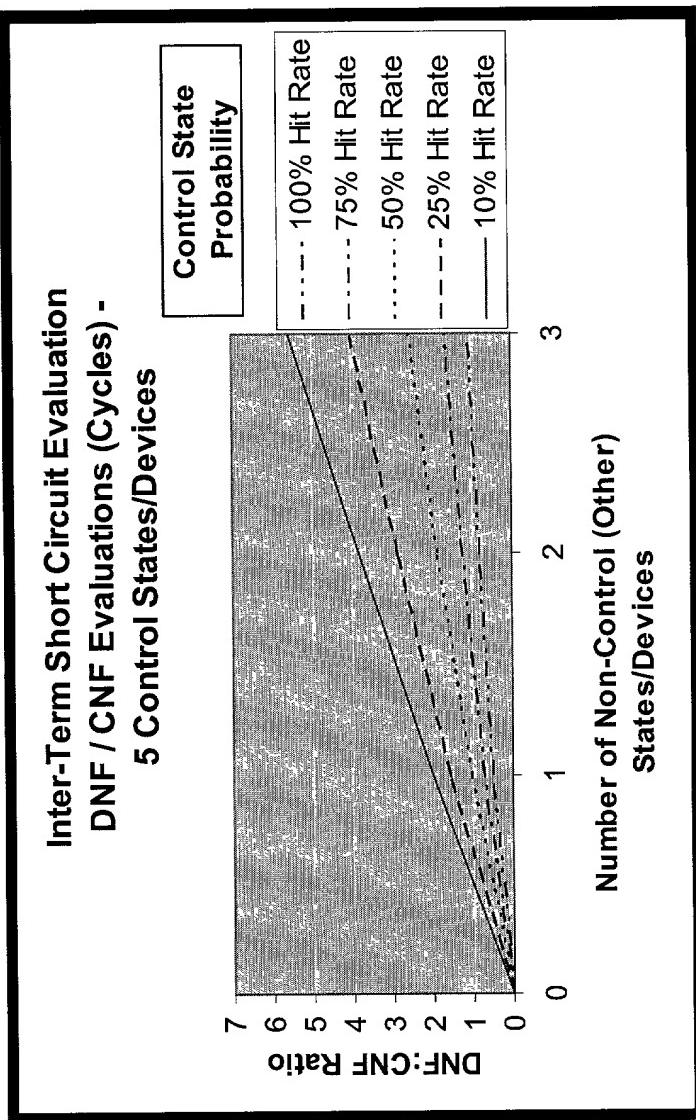


Figure 7

**Inter-Term Short Circuit Evaluation
DNF / CNF Evaluations (Cycles) -
5 Control State/Device**

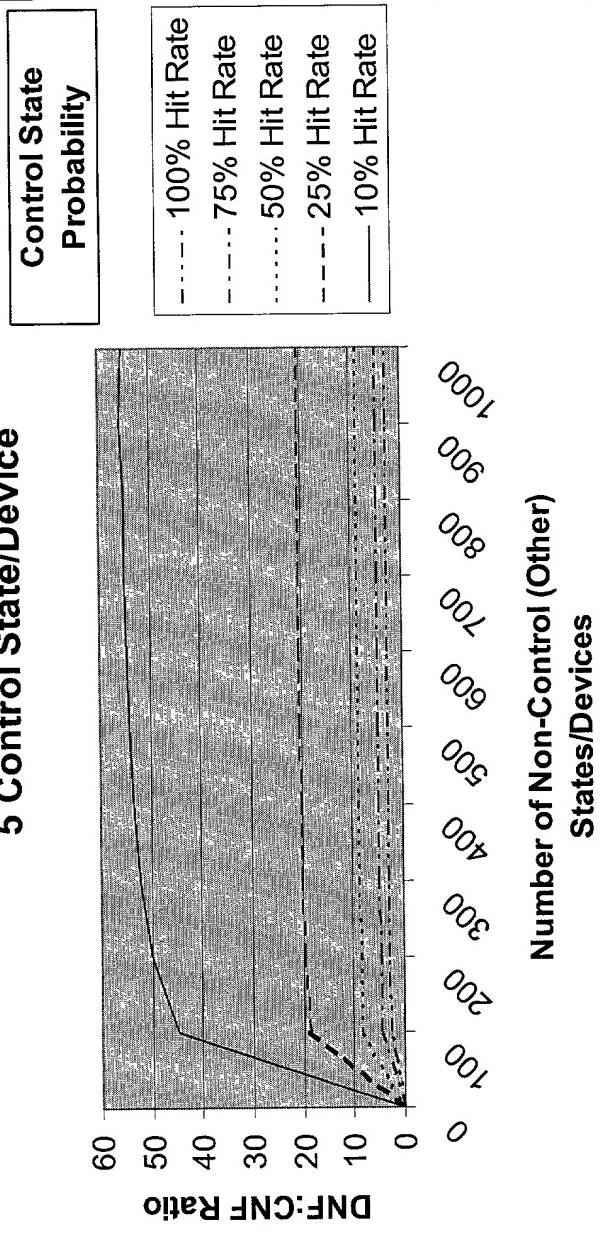


Figure 8

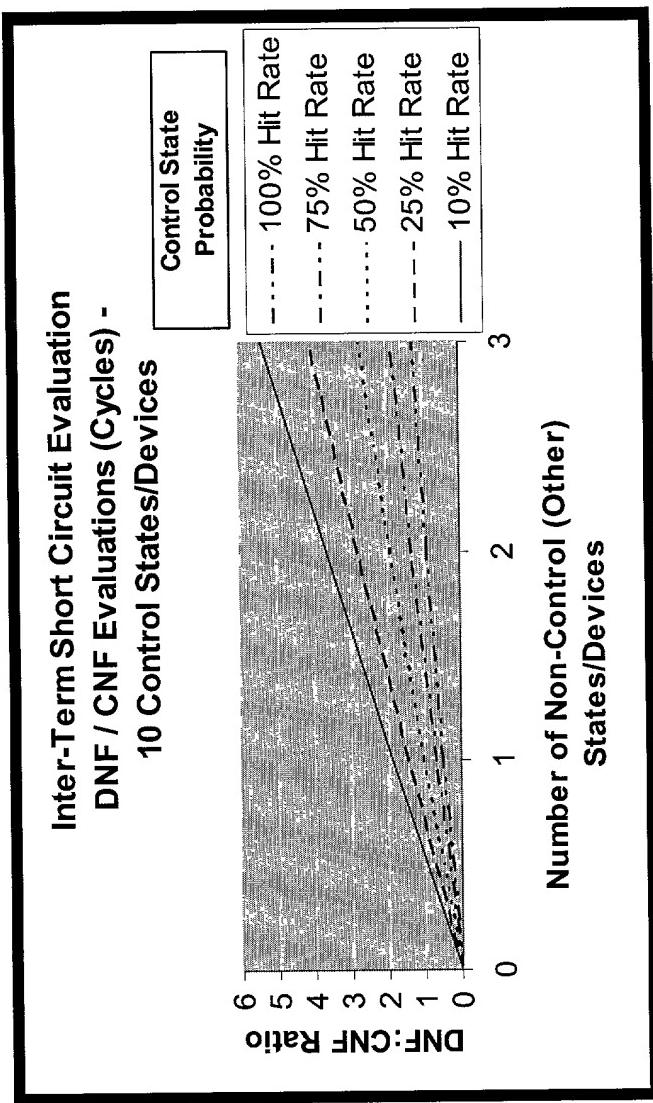


Figure 9

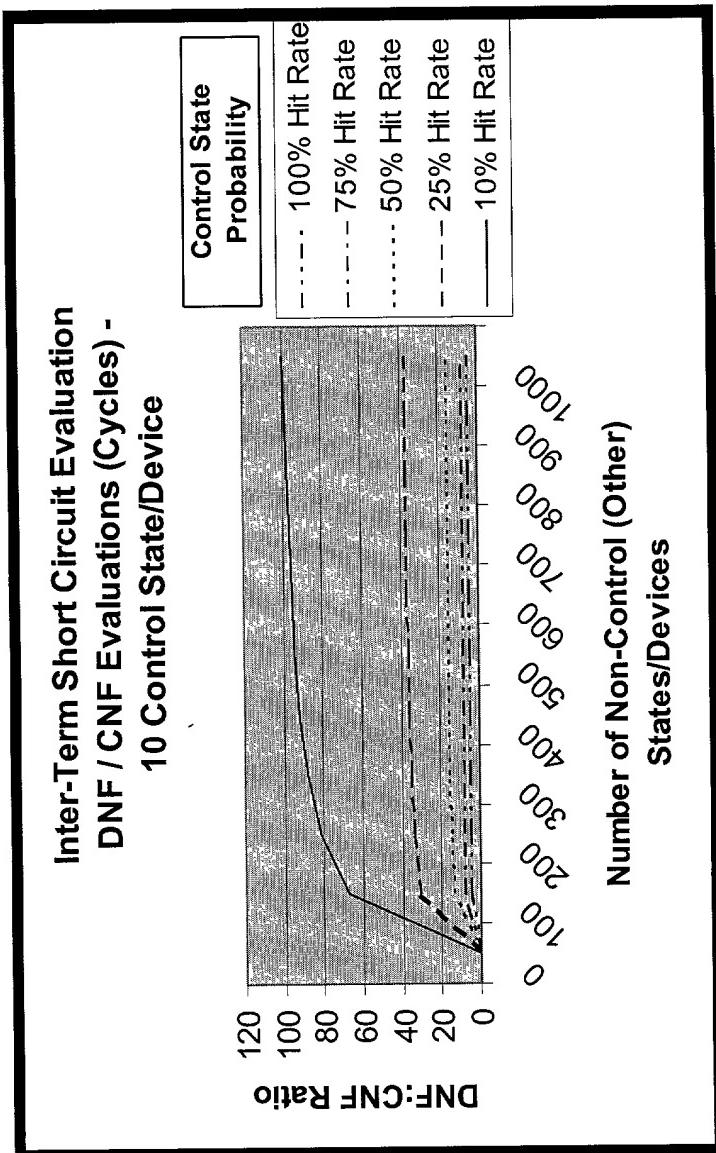


Figure 10

**Inter / Intra-Term Short Circuit Evaluation
DNF / CNF Evaluations (Cycles) -
1 Control State/Device**

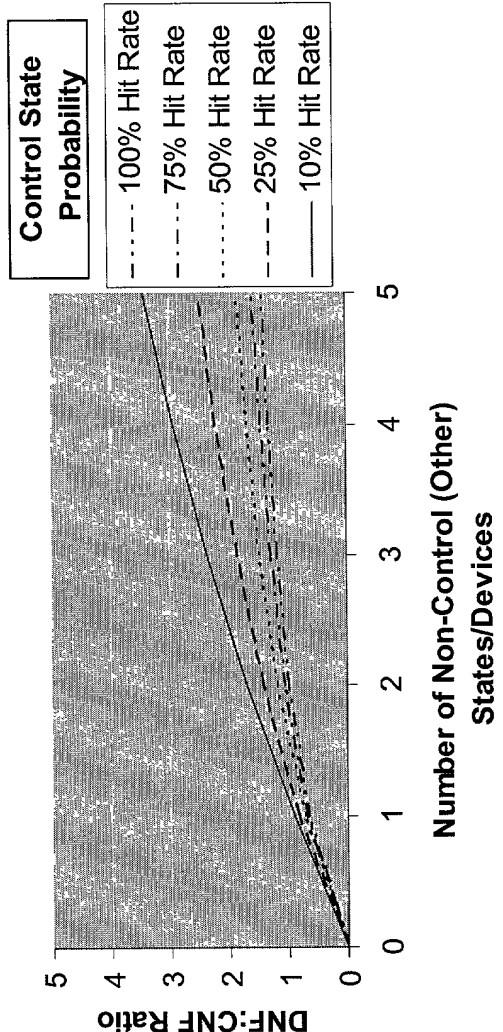


Figure 11

**Inter / Intra-Term Short Circuit Evaluation
DNF / CNF Evaluations (Cycles) -
1 Control State/Device**

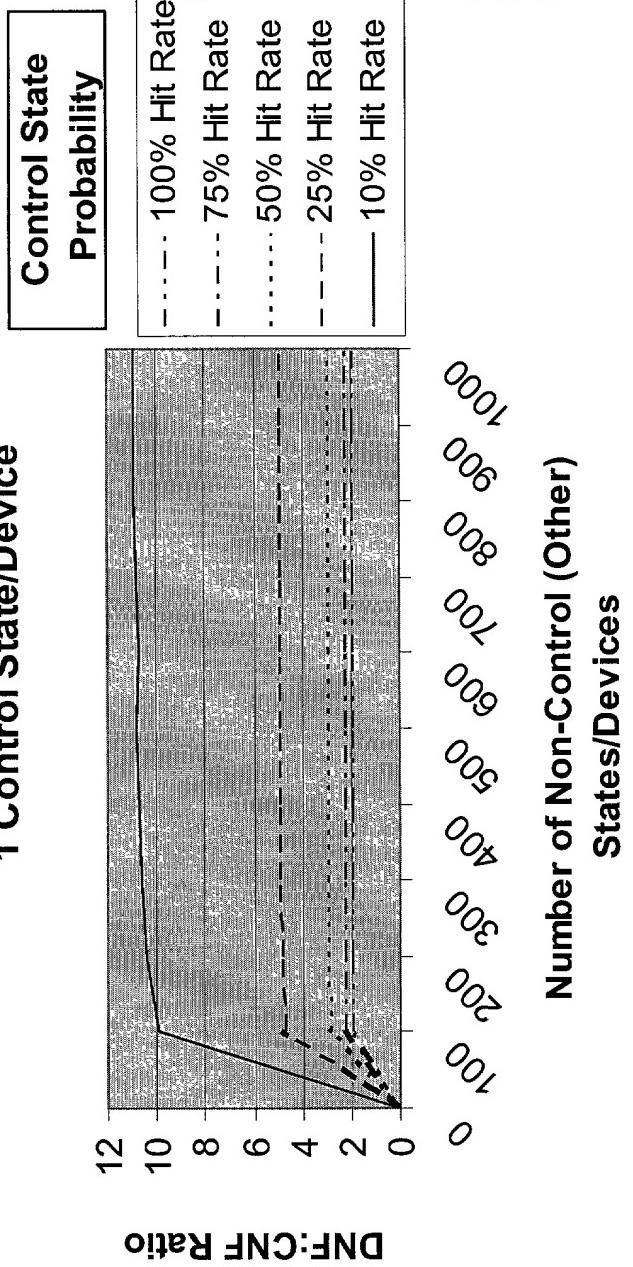


Figure 12

Inter / Intra-Term Short Circuit Evaluation

DNF / CNF Evaluations (Cycles) -

10 Control States/Devices

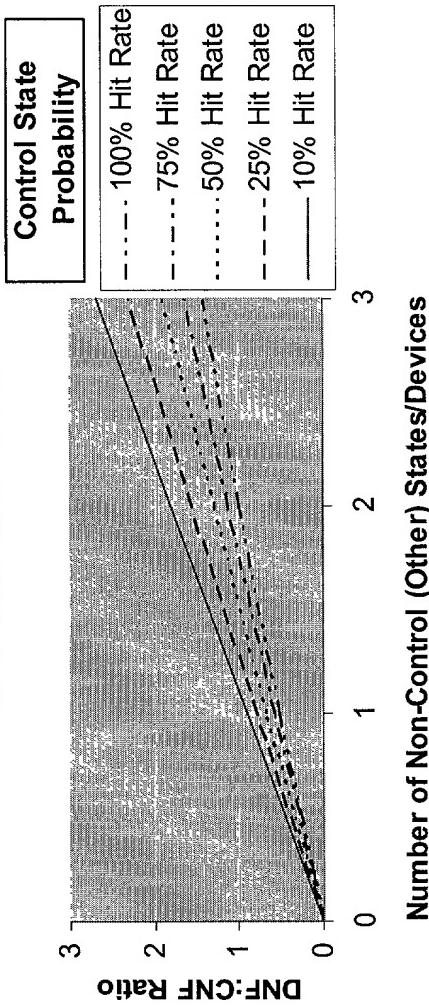


Figure 13

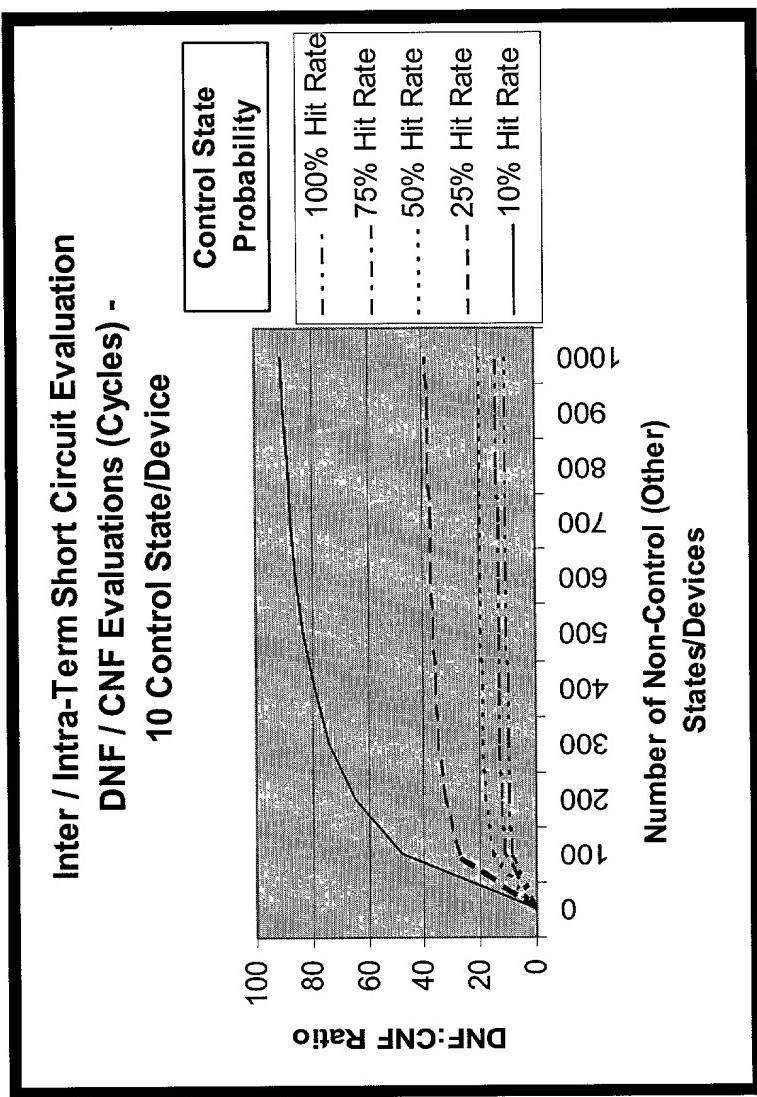


Figure 14

Extra Instructions Required by the Intel 8051 vs. the
Boolean Processor

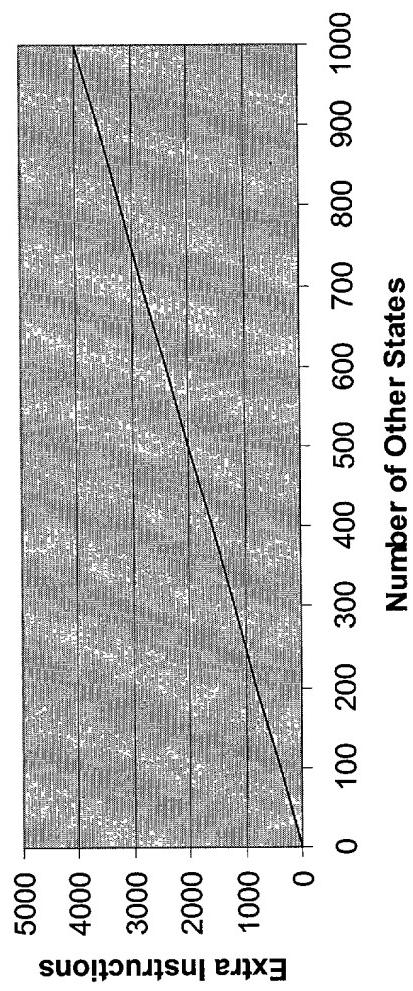


Figure 15

Extra Instructions Required by the
Intel 8086 Family of Microprocessors
vs. the Boolean Processor

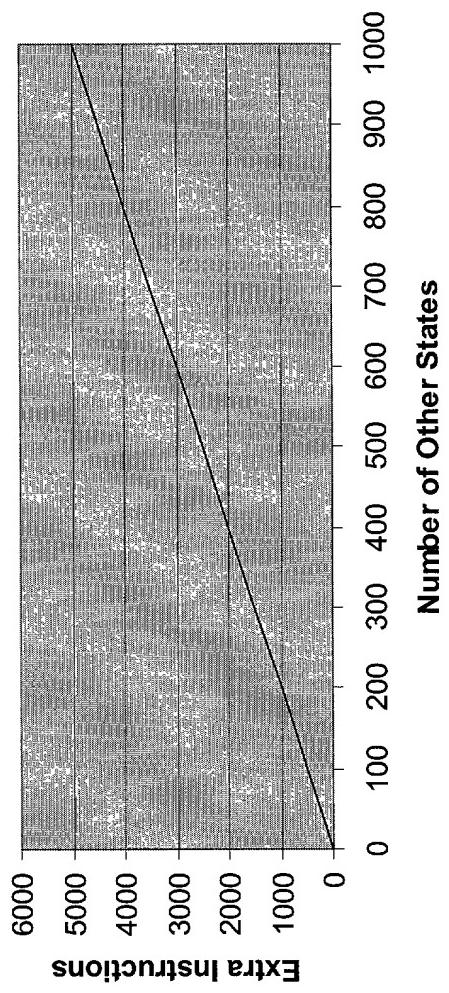


Figure 16

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**Extra Instructions Required by the
Motorola MMC2107 Microcontroller
vs. the Boolean Processor**

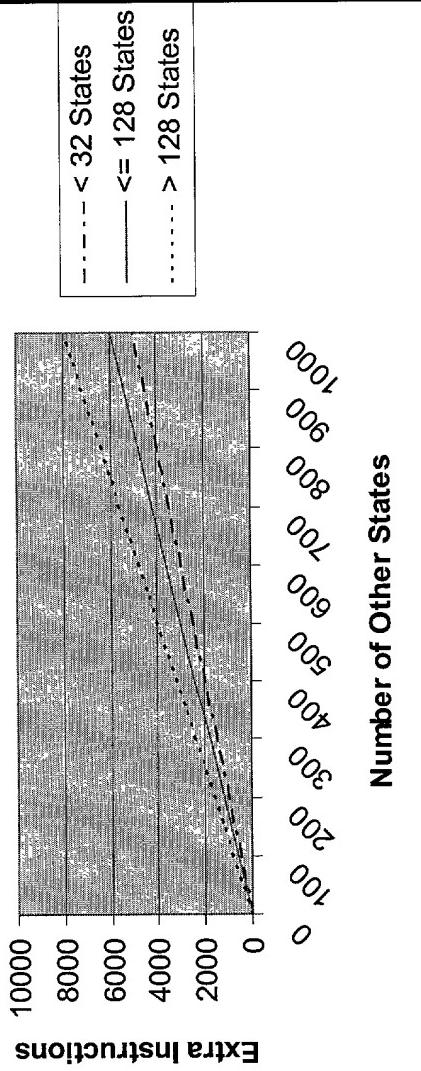


Figure 17

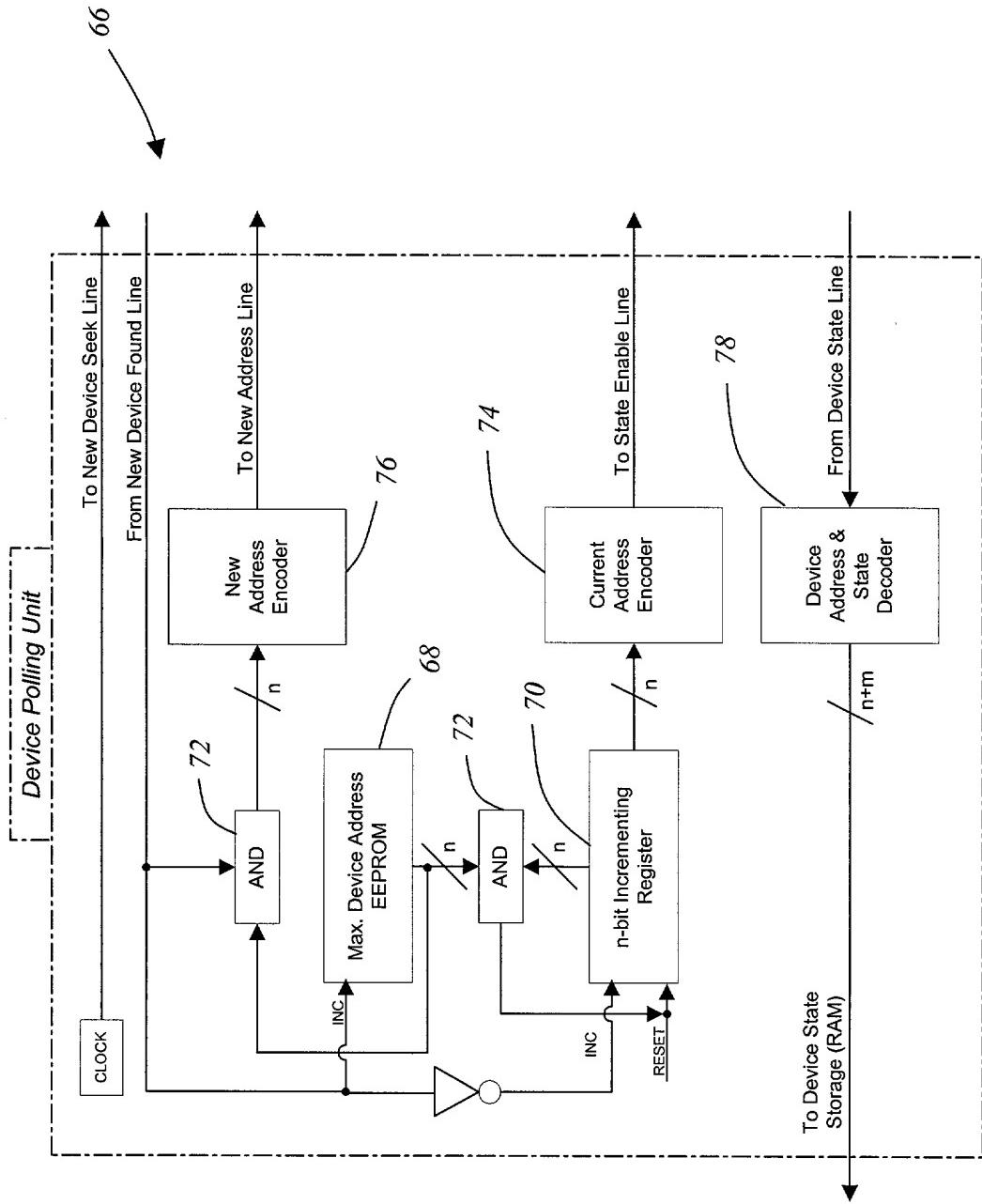


Figure 18

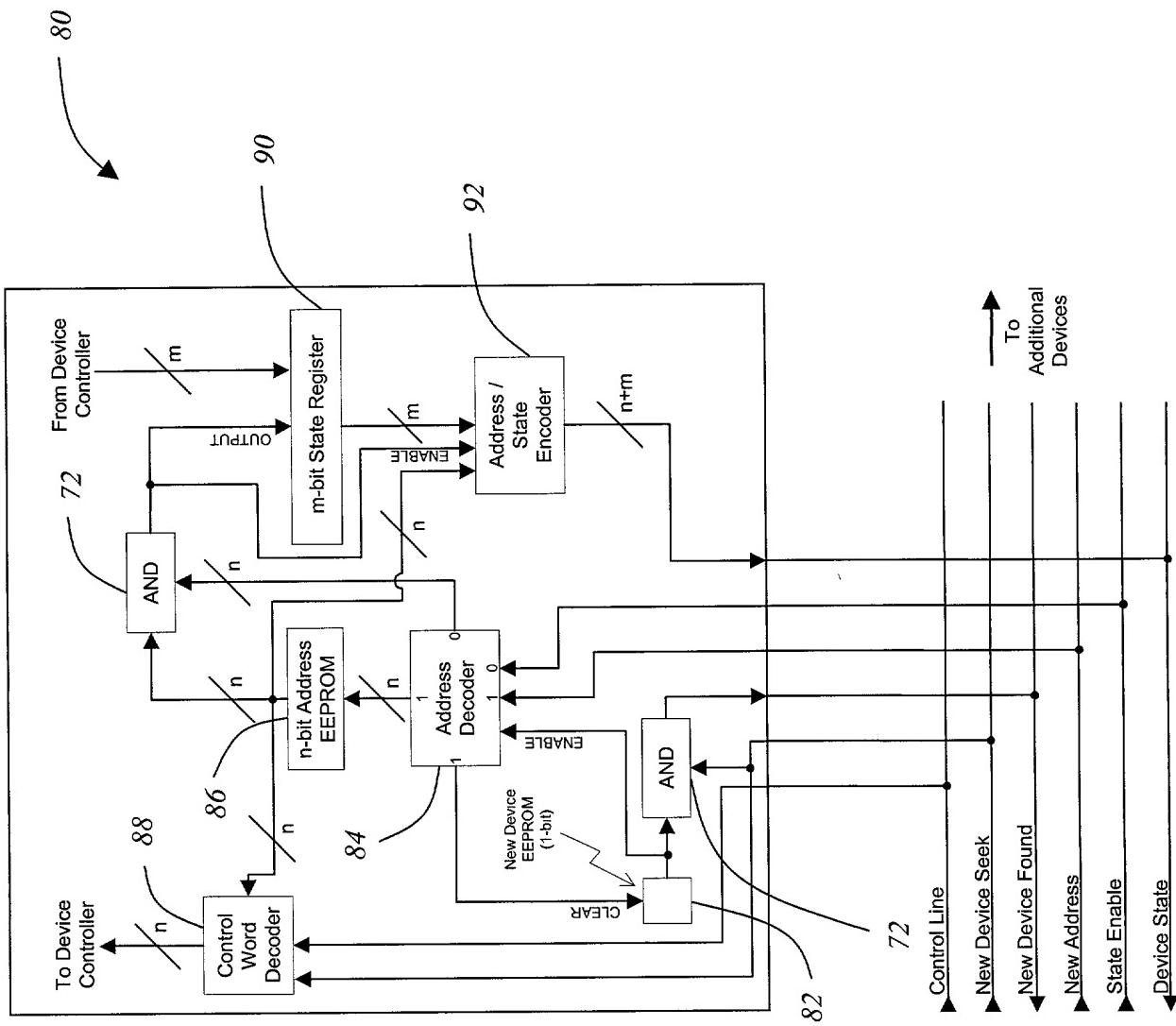
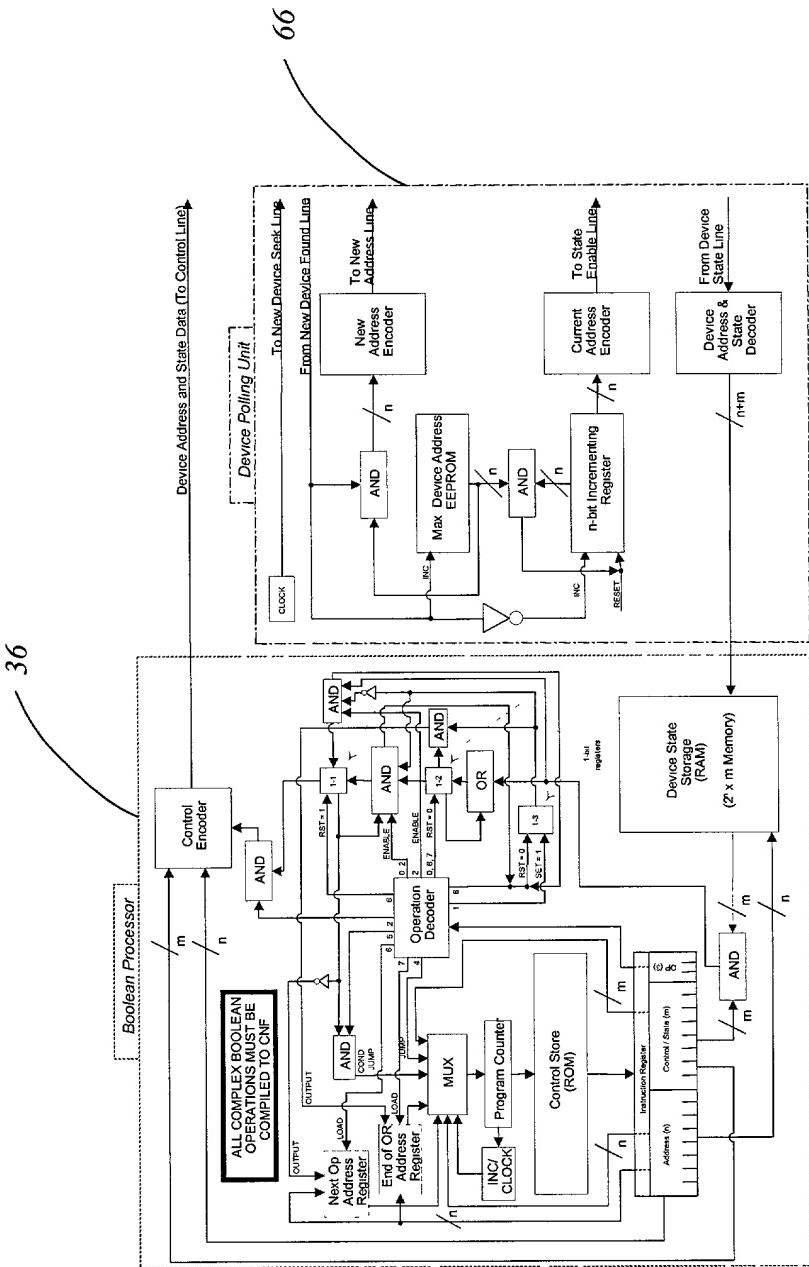


Figure 19

Figure 20



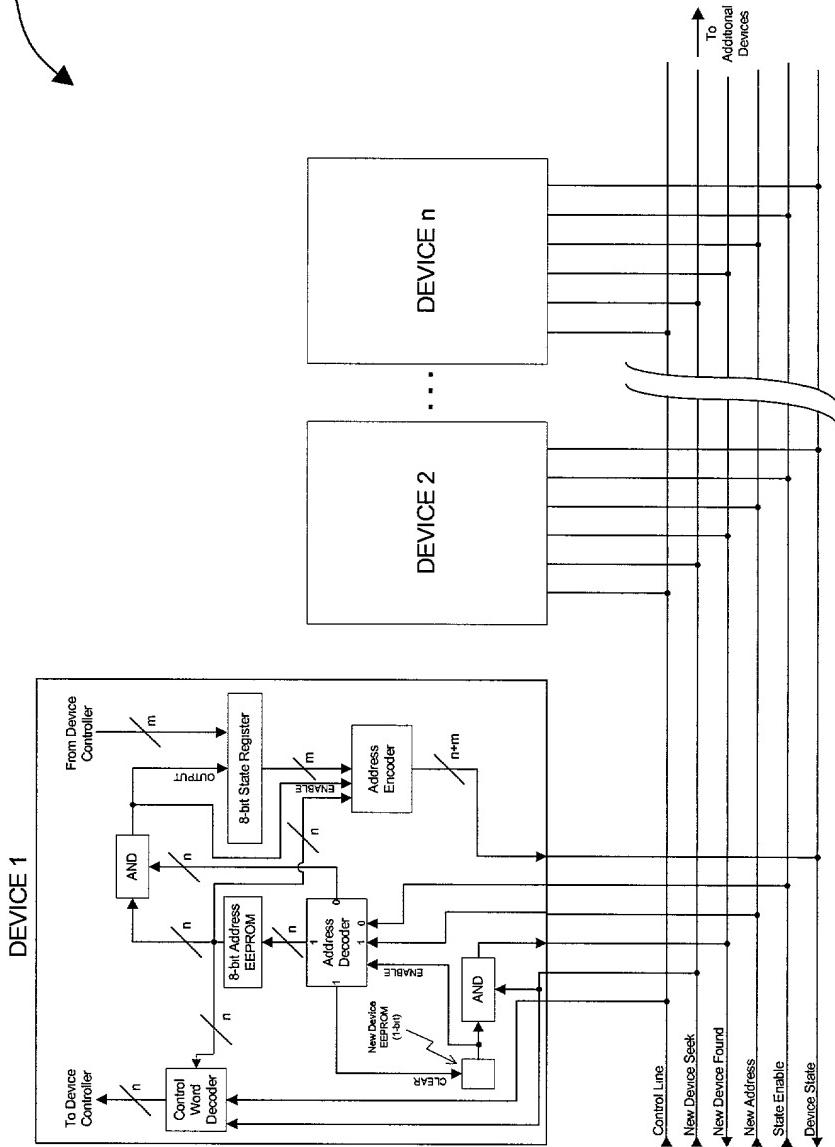


Figure 21